

PATENT
1155-0274P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Junichi IMUTA et al. Conf.:
Appl. No.: NEW Group: Unassigned
Filed: November 17, 2003 Examiner: UNASSIGNED
For: POLAR GROUP-CONTAINING OLEFIN COPOLYMER, PROCESS
FOR PREPARING THE SAME, THERMOPLASTIC RESIN
COMPOSITION CONTAINING THE COPOLYMER, AND USES
THEREOF

INFORMATION DISCLOSURE STATEMENT
(SUBMISSION WITH CONTINUATION-IN-PART OR
RULE 1.53 (b) CONTINUATION OR DIVISIONAL APPLICATION)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

November 17, 2003

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-1449 forms, attached hereto.

II. REFERENCES PREVIOUSLY CITED OR SUBMITTED

Pursuant to 37 C.F.R. § 1.98(d), consideration of information listed on the PTO-1449 forms is requested since any patents, publications, or other information which are listed on the PTO-1449 forms but for which copies are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S. Appl. No.
09/947,460

U.S. Filing Date
September 7, 2001

III. CONCISE EXPLANATION OF THE RELEVANCE
(check at least one box)

- a. ENGLISH LANGUAGE SEARCH REPORT

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(III) (A) (3).

- b. OTHER

The following additional information is provided for the Examiner's consideration.

The attached documents, along with a search report, are submitted herewith, but were not previously submitted in the parent application no. 09/947,460.

IV. FEES

This Information Disclosure Statement is being filed concurrent with the filing of a continuation-in-part, continuation, or divisional patent application; therefore, no fee is required.

If the Examiner has any questions concerning this IDS or requires a copy of any of the references cited but not provided, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By 
Marc S. Weiner, #32,181

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1155-0274P

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Attachment(s): PTO-1449(s)

- References
- Foreign Search Report
- Other:

(Rev. 09/30/03)

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		ATTY DOCKET NO. 1155-0274P	APPLICATION NO. New
		APPLICANT Junichi IMUTA et al.	
		FILING DATE November 17, 2003	GROUP Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	5,321,106	1994-06-14	LaPointe			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
	01-259012	1989-10-16	JAPAN			Abs	
	02-051510	1990-02-21	JAPAN			Abs	
	02-051511	1990-02-21	JAPAN			Abs	
	03-177403	1991-08-01	JAPAN			Abs	
	04-268307	1992-09-24	JAPAN			Abs	
	64-078687	1989-03-24	JAPAN			Abs	
	03-179005	1991-08-05	JAPAN			Abs	
	03-179006	1991-08-05	JAPAN			Abs	
	03-207703	1991-09-11	JAPAN			Abs	
	03-207704	1991-09-11	JAPAN			Abs	
	52-22988	1977-06-21	JAPAN			X	
	88-05792	1988-08-11	WO			Abs	
	88-05793	1988-08-03	EP			Abs	
	0-320-762 B1	1996-03-27	EP			X	

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

	Paivi AALTONEN et al.; Macromolecules Vol. 28, (1995); pp. 5353-5357.
	Paivi AALTONEN et al.; Macromolecules Vol. 29, (1996); pp. 5255-5260.
	Udo M. STEHLING et al.; Macromolecules Vol. 31, No. 7; (April 7, 1998); pp. 2019-2027
	Udo M. STEHLING et al.; Macromolecules Vol. 32; (1999); pp. 14-20.
	Hiromitsu TANAKA et al.; Polymer Preprints Vol. 49, No.2; (2000); p. 209.
	Hideaki Hagihara et al.; Polymer Reprints Vol. 49, No. 2; (2000); p. 215.
	Todd R. YOUNKIN et al.; Science Vol. 287; (2000); pp. 460-462.

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	5,925,442	1999-07-20	Shin			
	5,158,993	1992-10-27	Proctor et al.			
	4,370,455	1983-01-25	Ueda et al.			
	4,330,649	1982-05-18	Kioka et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION
						YES
	EP 0 605 952 A2	1994-07-13	EPO			
	EP 1 050 558 A1	2000-11-08	EPO			
OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)						
	James C. W. CHIEN et al.; Books of Abstracts.					
	Michael R. KESTI et al.; J. Am. Chem. Soc. Vol. 114; (1992); pp. 9679-9680.					
	L.P. LINDEMAN et al.; Analytical Chemistry Vol. 43, No. 10; (August 1971), pp.1245-1252.					
	J.C. RANDALL; Macromolecular Chemistry Physics; C29; (1989); (table of contents only).					
	S.L. AGGARWAL et al.; Journal of Polymer Science Vol. 18; (1955); pp.17-26.					
	Ferdinand R.W.P. WILD et al.; Journal of Organometallic Chem. Vol. 288; (1985); pp. 63-67.					
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	KIND	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 5,451,483		1995-09-19	Fuller et al.			
	US 4,584,348		1986-04-22	Nagano			
	US 6,066,603		2000-05-23	Emert et al.			
	US 6,001,941		1999-12-14	Tsutsui et al.			
	US 5,563,219		1996-10-08	Yasuda et al.			
	US 5,239,024		1993-08-24	Eisenbach et al.			
	US 4,715,975		1987-12-29	Kapuscinski et al.			

FOREIGN PATENT DOCUMENTS

Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
EP	0816387	A1	1998-01-07	EPO				
WO	99/30822	A1	1999-06-24	PCT				
WO	97/42236	A1	1997-11-13	PCT				
WO	97/11098	A1	1997-03-27	PCT				
JP	2-51510	A	1990-02-21	JAPAN (W/ABSTRACT)				
JP	2-51511	A	1990-02-21	JAPAN (W/ABSTRACT)				
JP	3-177403	A	1991-08-01	JAPAN (W/ABSTRACT)				
JP	1-259012	A	1989-10-16	JAPAN (W/ABSTRACT)				
EP	1113027	A1	2001-07-04	EPO				
EP	0423438	B1	1991-04-24	EPO				

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

Ahjopalo et al., European Polymer Journal, Vol. 35, pp.1519-1528 (1999)
Aaltonen et al., Macromolecules, Vol. 29, pp.5255-5260 (1996)
Stehling et al., Macromolecules, Vol. 32, pp.14-20 (1999)
Hagihara et al., Macromol. Rapid Commun., Vol. 22, pp.353-357 (2001)
Hakala et al., Polymer Bulletin, Vol. 46, pp.123-130 (2001)

EXAMINER	DATE CONSIDERED
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	US 6,100,224	A	2000-08-08	Peiffer et al.				
	US							
	US							
	US							
	US							
	US							
	US							
	US							
	US							
FOREIGN PATENT DOCUMENTS								
Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	WO 95 33806	A	1995-12-14	WIPO				
	WO 99 16851	A	1999-04-08	WIPO				
	WO 92 16590	A	1992-10-01	WIPO				
	DE 199 27 347	A1	2000-12-21	GERMANY				
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